

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S19   | 0    | S18 and (failure with alert)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/07 12:46 |
| S31   | 4    | ("6104304" "5781024").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/04/07 12:47 |
| S33   | 0    | (predict\$3 with (failure fault error with circuit) and (electrical with circuit) and (measur\$6 with value with environmental )               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/26 20:21 |
| S34   | 0    | (predict\$3 with (failure fault error with circuit) and (electrical with circuit) and ((measur\$6 with value) same environmental )             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/26 20:23 |
| S35   | 0    | (predict\$3 with (failure fault error with circuit) and (electrical with circuit) and (measur\$6 with environmental with temperature)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/26 20:23 |
| S32   | 0    | (predict\$3 with (failure fault error with circuit) and (electrical with circuit) and (measur\$6 with value with environmental with condition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/27 14:22 |
| S37   | 23   | ((failure fault error) with circuit) and (electrical with circuit) and (measur\$6 with value with environmental)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/27 14:25 |
| S39   | 9    | S37 and (temperarture thermal)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/15 10:08 |

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| S41 | 2  | (alert\$3 with failure with electronic with circuit) and (measur\$6 with current with range)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:12 |
| S42 | 0  | (display\$3 with failure with electronic with circuit) and (measur\$6 with current with range)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:16 |
| S40 | 2  | (alert\$3 with failure with electronic with circuit) and (measur\$6 with current with outside with range) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:17 |
| S38 | 0  | S37 and (temperarture with environmental)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:19 |
| S46 | 2  | S43 and environmental   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:21 |
| S47 | 6  | S43 and (temperature with circuit)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 10:21 |
| S43 | 24 | (failure with electronic with circuit) and (measur\$6 with current with range)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:17 |
| S48 | 0  | (failure with electronic with circuit) and (temperarture with environment\$3)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:18 |

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| S45 | 0   | S43 and (temperarture with environmental)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:19 |
| S50 | 24  | (failure with electronic with circuit) and (measur\$6 with current with range)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:19 |
| S51 | 1   | S50 and (temperature with environmental)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:19 |
| S49 | 132 | (failure with electronic with circuit) and (temperature with environment\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:20 |
| S52 | 10  | S49 and (measur\$6 with temperature with environment\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:26 |
| S53 | 33  | S49 and (measur\$6 with temperature) and environment\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:27 |
| S36 | 0   | (predict\$3 same ((failure fault error) with circuit)) and (electrical with circuit) and (measur\$6 with value with environmental with condition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:37 |
| S54 | 2   | (predict\$3 with (failure fault error) with electrical with circuit) and (measur\$6 with current) and ((voltage power) with supply)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/15 11:39 |

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| S55 | 5  | (predict\$3 with (failure fault error) with electronic with circuit) and (measur\$6 with current) and ((voltage power) with supply)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:40 |
| S44 | 3  | S43 and (measur\$6 with current with outside with range)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:44 |
| S56 | 3  | S50 and (current with outside with range)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:44 |
| S59 | 0  | S57 and (measur\$6 with current with outside with range)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:51 |
| S60 | 3  | S57 and (current with outside with range)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:52 |
| S62 | 3  | S57 and (current with outside with range)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:58 |
| S63 | 0  | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current with (power voltage) with supply) and (current with change with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:09 |
| S64 | 30 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current with (power voltage) with supply) and (current with change)            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:17 |

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| S65 | 11  | S64 and (current with range)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 12:17 |
| S57 | 246 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current) and (current with range)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 12:55 |
| S67 | 0   | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current) and (current with range) and (alert\$3 same (current with (ouside above below) with range)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 12:58 |
| S68 | 5   | (measur\$6 with environment\$3) and electronic and (measur\$6 with current) and (current with range) and ((alert\$3 alter\$3) same (current with (ouside above below) with range))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 13:26 |
| S69 | 1   | (environment\$3 with condition) and electronic and (measur\$6 with current) and ((alert\$3 alter\$3) same (current with (ouside above below) with range))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 13:37 |
| S70 | 2   | (failure with electronic) and (measur\$6 with current) and ((alert\$3 alter\$3) same (current with (ouside above below) with range))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 13:38 |
| S16 | 17  | (circuit near2 failure) and (measur\$6 with current with draw\$3) and environment   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 14:18 |
| S72 | 1   | 10/249117   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/16 14:19 |

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| S1  | 0    | 10/643253  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:01 |
| S74 | 1317 | (measur\$6 with current) and<br>(current with (zone interval<br>range)) and fail\$4 and (power<br>with transmission) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:03 |
| S75 | 343  | S74 and ((thermal temperature)<br>with sensor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:04 |
| S76 | 25   | S75 and (predict\$3 with fail\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:04 |
| S77 | 21   | S76 and environment  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:08 |
| S78 | 21   | S77 and electric\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/08 15:08 |